POTOMAC VALLEY RADIO CLUB - NEWSLETTER - DECEMBER 1999

PVRC CALENDAR
(The calendar format is under construction ... including more contest info.)

Weekly Wed
BWI Regional weekly breakfast. Wednesdays 7:30 am,
Basil's Deli, Elkridge Landing Rd near BWI.
Monthly Fri
SWVA meeting night and Roanoke location varies each month.
Please check with K4IQ.
Monthly
Over-the-Hill Luncheon. Date to be announced.
Hosts listed on reference page.
Dec 2 Thu
PVRC/NC meeting at Ryans Family Restaurant,
Cary Crossroads. 5:30pm, meeting at 6pm
Dec 3 Fri
SWVA, normal meeting night.*
Dec 4/5
ARRL 160 Meter CW Contest.
Log deadline Jan 5th.
Dec 11/12
ARRL 10 Meter CW/SSB Contest.
Log deadline Jan 12th.
Dec 13 Mon
All welcomed to the Central Christmas dinner in Tyson's Corner, VA.
Details below.
Dec 14 Tue
Northwest, normal meeting night* at Tully's Grill,
1080 W. Patrick St, Frederick, MD at 7:30 pm
Dec 14 Tue
Tidewater Colony, normal meeting night.* Meeting with VA-DXCC.
Jan 6 Thu
PVRC/NC annual special dinner. See minutes.
Jan 22/23
ARRL VHF Sweepstakes.
Jan 29/30
CQ CW 160M Contest.
Feb 19/20
ARRL CW DX Contest.
Feb 26/27
CQ SSB 160M Contest.

*Holiday activities may impact the normal meeting schedule.
Please check with the chapter chair person.

LOG DEADLINE INFO with contribution from Tyler Stewart, K3MM

Dec 1. CQ Worldwide DX Contest, SSB
E-mail:
Mail: CQWW SSB Contest, CQ Magazine, 25 Newbridge Rd,
Hicksville, NY 11801

Dec 8. ARRL Sweepstakes CW
E-mail:
Mail: November SS CW, ARRL
225 Main St, Newington, CT 06111

Dec 22. ARRL Sweepstakes phone
E-mail:
Mail: November SS Phone, ARRL, ...

Jan 15. CQ Worldwide DX Contest, CW
E-mail:
Mail: CQWW CW Contest, CQ ...

CHRISTMAS DINNER ON DEC. 13TH by Rich Boyd, KE3Q

The PVRC Christmas Dinner will be Monday, December 13, at the
Olive Garden Restaurant, 8133 Leesburg Pike (Route 7), Tyson's
Corner, Virginia, telephone 703-893-3175. Suggest exit 10B off
the Beltway (Rt. 495). It's a convenient location for many,
especially northern Virginians; full menu selection at regular
(reasonable) menu prices -- e.g. I think lasagna was $8 or so.
The known disadvantages that we will try to deal with:
restaurant Muzak too loud -- we will ask them to turn it down
during our speaker(s) -- and we will bring a small PA system of
our own so our speaker can be heard; table setup -- largely a
matter of at least one of our people being there an hour or
more before the dinner time to guide the table placements. We

hope you can make it! More info (and encouragement) to follow. But for now mark it on your calendar -- Monday, Dec. 13, in the evening.

CLUB DONATION REPORT (11/22/99) by Dave Baugher, WR3L, Treasurer

PVRC would like to thank the following for the donation in October and November: W4HM, K3ZO, AA4KD, W4JVN, W3OU, W3CP, W4RW, AD3F, N4RV, N4RP, W4VC, K3FT, N4XX, and KC3EK.

A treasury report will appear in the January newsletter instead of the December issue so that I can complete the year. Keep the donations and ARRL renewals coming.

OVER-THE-HILL LUNCH MEETING by Ben Shaver, AA4XU

The Over-The-Hill Division of the Potomac Valley Radio Club met for Lunch and Discussion in Annandale, VA during November. The following attended: K3ZO Fred Laun, W3AZ Bill Leavitt, K6ETM George Sinclair, N4MO Ron Uthus, W4RW Floyd Martin, K3WX Tony Faiola, W6AXX Howard Leake, W3GN Lawrence Fadner, W3ABC Hugh Turnbull, W3UJ Henry Herman, W3XE Andy Andersen, AA4XU Ben Shaver.

As in previous years, the December Lunch meeting will be omitted because of holiday conflicts. The next Lunch meeting will be held in January 2000 in Oxon Hill, MD, Bill Leavitt W3AZ, Host.

Info from Andy Andersen, W3XE: The last meeting of the OTH in the 20th Century will be on 8 December 1999 at the Holiday Inn on the corner of US 1 (north) and the Beltway. We will start ordering at 12:00 noon so don't be late or all that will be left is Turkey. I have reserved a set-up for 20 people and have to provide a final tally on Tuesday 7 December. If you received my email, please respond if you are in our out. Others please respond if you can come. All are welcome.

EASTERN SHORE CHAPTER MEETING 10/99 by Dallas Carter, W3PP

The Eastern Shore Chapter meeting was called to order at the W3PP station at 6 PM on 29 October. Members present were: N3KW, W3OR, N6ZO, N3HUV, NX3A, K3FT, KW3Z, and W3PP. Guests were: AA1K, KD3UC, NW3Y, and KB3DTT.

The main discussion points at the meeting were centered around UBN reports and how to maximize the score in CQWW and minimize the UBN penalties. The following specific points were suggested and discussed:

Never trust a packet spot, confirm all spot QSO's.

Make certain the station you log is working you, ask if you are not sure.

Log all QSO's, Dupes, and W's.

Make use of the Notes function for anything that will help in preparing the logs.

Running is how you make points. During slow periods, 20 min S&P/hour.

During your off periods, make use of the spotting positions.

After these points were discussed, a general discussion followed about tactics and plans for the upcoming Sweeps. Glenn, N3HUV will be giving the U class a go, and because he will have no power class, will use an amp for the first time. He is looking for a mug and his seventh consecutive set of pins for CW and SSB.

W3PP will give the Multi-op class a try for the first time. Ron, N4MO will be the second op, and a few others have been extended an invitation. Could use another op. Ed, N3KW will give CW SS a try, and focus on a more substantial effort on SSB. Chuck, K3FT will be joining the WR3L crew again this year for SS.

With that, we settled in, getting familiar with the operating positions and warming up the ether for CQWW SSB. We will have another regional meeting just prior to the CW weekend of CQWW.

PVRC/NC Meeting Minutes 11/5/99 by Pete Soper, KS4XG

The meeting was at the home of Jack W0UCE and his wife Fran in Raleigh from 5:30-8pm. The food was delicious and a good time was had by all.

Attendees: Brian K3KO, Jim K4QPL, Henry K4TMC, Pete KS4XG, Dan N3ND, Bert N4CW, Jay NT4D, and Jack W0UCE. Regrets sent by K4MA, NX9T, K2AV, KI7WX, AA4NC, N3QYE.

Membership: This was the second meeting of Dan Atchison, N3ND. Dan is an avid CW operator looking for a way to get back into contesting despite property restrictions at his current QTH (a little extra wiring may be appearing in his attic!). Dan was voted into PVRC unanimously. Welcome to PVRC, Dan! Chapter membership is now 33.

Club business and announcements: There was discussion about meetings and it was agreed:
1. To avoid extra schedule burden near Christmas the December meeting will be Thursday 12/2 at Ryans as usual (details below)
2. The annual special dinner will be Thursday January 6th, tentatively at Fox and Hound (someplace further North would be helpful considering our membership center has moved in that direction).
3. (post-meeting) NA3T was contacted about giving his VHF propagation talk but unfortunately Joe will be back in VK until after the January meeting.

Upcoming Contests
  Sweeps phone November 20th
  CQWW CW November 26th
  ARRL 160 December 3rd
  ARRL 10 meter December 10th
  Stew Perry December 18th

Member notes: K4QPL put 30 feet of Rohn 25 up temporarily to get a TH7 up for Sweeps.

K4TMC came back from a long hard business trip with a virus and missed CQWW.

K3KO found a source of high quality (albeit low power) relays. Contact Brian for details.

W0UCE had a log periodic in view of his kitchen window during the meeting. Jack and K4QPL will be doing joint tower projects soon to have their base holes dug and concrete poured at their two sites in a single day.

N4CW got an SB200 for his station in Maine.

Next Meeting: The next meeting will be at Ryans Family Restaurant at Cary Crossroads. Come at 5:30pm for extra rag chewing or 6pm for the formal meeting.

CENTRAL MEETING MINUTES - Nov 8, 1999 By Tyler Stewart K3MM

After many enjoyed a nice dinner at the Outback Steakhouse in Vienna, we moved the meeting to the Patrick Henry Library down the street! In attendance were members: N3OC, W4RW, K4VV, N4XX, W3GNQ, W3HVQ, N4MO, N4RV, W3ZZ, W4XP, N3RR, K3NA, AA4KD, W4VC, WR3L, W3DQ, AD3F, K3ZO, K4YT, K7LU, and K3MM.

Introductions: WR3L, Dave will have a year-end treasury report published in the January newsletter. He did another Multi-Single (MS) in CQWW phone with 433k Single Band (SB) 10 meters. In addition, his crew also turned in a nice 803 x 79 score in CQSS CW.

AD3F, Gene, attended his second meeting tonight and is looking forward to the ARRL 160 and 10 meter contests. W4VC, Hal, was forced to QRT shortly after startup due to TVI. AA4KD, Clair, made a "token effort" in both SS and CQWW so far.

R3/K3NA, Eric, did 40M at W3LPL for CQWW phone with an excellent score. As usual, working 40 phone meant working split all the time and losing the listening frequency every 5 to 10 minutes. He just purchased a new toy: a Kachina pc-controlled radio which he hasn't had a chance to try....yet.

N3RR, Bill, put in an outstanding effort in CQWW CW as a SOA with 6.2 million points in 40 hours of operating. However, he still missed prime run time on Sunday AM by sleeping in for 6 hrs.

W4XP, Chuck, did part-time operating at W3LPL for CQWW CW, mostly on 20 meters. Chuck recently moved to Haymarket on a

mountain top near K8ISK. He's got 80' of SSV tower that he's planning on putting up to support a huge VHF-microwave array, using Rohn 25 as the "mast"!

W3ZZ, Gene, traveled to Bonaire for CQWW SSB and assisted K3EST, Bob Cox, on 20 meters as PJ4B. He reports making at least 400 of the 4800 total QSO's made on 20! They failed once again in there quest to link up to internet for automated spots. Instead they had to rely on "sneakernet" to travel from table to table with little bits of paper for the rare ones.

Claimed scores so far by the biggest MM's:

CN8WW	= 76 million!
IG9A	= 70 million
PJ4B	= 65 million

N4RV, Jack, also made his usual trek to Bonaire at PJ4B. He noted that this was the 30th anniversary of the group started in 1969! He is looking forward to a rematch on CW w/ the addition of the F12 "Team Vertical" possibly going to YV land. He may do a MS from home in SS phone? KT4W used his station in CQWW phone and racked up 4.2 million points!

N4MO, Ron, did a single band 15 low power effort from home in CQWW SSB and took part in a MS effort at W3PP for SS CW making 1205 Q's and a sweep.

W3DQ, Eric, was on airplanes during all contests but it looking forward to the ARRL 10 meter contest from DC. K4YT, Karl, just got back from 4X land.

K3ZO, Fred, put out his usual excellent synopsis of CQWW phone on the contest reflector. He made close to 4000 Q's and stressed the high bands. He noted a lot of jammers this time with someone playing a "UA9MAR" tape at him in answer to his CQ's at one point. He also worked a Polish CB'er on 10 meters! For SS CW, he did NO S&P at all and thought it worked fairly well with 1139 Q's, but he missed the sweep.

W3HVQ, John, had his antenna design article published in the most recent ARRL Antenna Compendium. His antenna, the "Bumbleshooter", is featured on BOTH covers - one up and running and the other loaded with ice. John had 1.2 Million in CQWW phone and 120k in SS CW.

W3GNQ, Dick, lives! He had to cancel WW phone plans due to work but may be on for SS phone. Dick brought a bunch of Andrews CDROM's containing design and catalog information as handouts.

N4XX, Ted Cohen, made this his 3rd meeting but he's looking forward to CQWW 160 contesting. K4VV, Jack, was only able to muster a couple of hours for CQWW due to work and family though he did run a wire at the beach on SS CW! W4RW, Floyd, has been working on the W4RX station all summer with a rigger but he'll be on for CQWW CW.

N3OC, Brian, barely made it to FS land before the hurricane hit and shut everything down just before CQWW phone. He was at V26B again for CQWW phone and reports "it was a big mess" after the hurricane went through. Then the 20 meter op and equipment didn't show up. Even so, they ended up just short of the NA record at 36.3 million points! He got back Thursday just before SS and op'ed 15 hours with a sweep in SS CW.

K3MM, Tyler, is having too much fun with Tayler! Operating at W3LPL on 15 meters, they ended up a solid 4th in MM! SS CW was done at home, but ran out of poop Sunday AM and had a bad case of "spring fever", creating a 16 hr effort with 144k points.
Election Results: Elections were conducted and the previously nominated slate of officers were voted into office unanimously. Congratulations to your Y2K PVRC Officers who are are:

- N3OC - President
- K4VV - Vice President
- W2GG - Secretary
- WR3L - Treasurer
- K3MM, KE3Q, & N3RR - Trustees

Topics: K3MM noted the apparent demise of KLM Antennas. Some parts may still be available via email. He also reminded everyone to make big plans for the ARRL DX contests this Spring. It's the one we are pushing for a PVRC win in 2000, but it will take a lot of extra effort to pull off.

Someone noted that N1ND, ARRL Contest Director, Dan Henderson's house burned down a couple weeks ago and that he had no insurance on it. (CORRECTION: maybe I wrote it down wrong, but it was KR1R, Billy Lunt who had the house fire.)

AD3F, Gene Smar, and N4XX, Ted Cohen were voted into membership unanimously! Gene is an Extra from Rockville working for MCI. Previous calls are WN3EWV, and WA3EWV. He's big on the 160 contests with a Drake C line and antennas which are an inverted L and several EWE's. Ted is also an Extra from Alexandria, VA, sponsored by K4VV. He was previously WN9VZL, W9VZL, and W4UMF. Also a big 160 guy, he has a TS940, AL811H, and a nice inverted L. Congratulations! Meeting adjourned.

NW REGIONAL MEETING - 11/16/99 By Greg Altig, N5OKR ()

In attendance were members W8ZA, N3KTV, K3DNE, W3JRY, WD3A, N3HBX, K3IXD, W6NRJ, and N8II.

Business: There was no administrative business. My thanks to N3KTV for his filling in for me in my absence and providing these notes.

>From the introductions: K3DNE, Jim, recently upgraded to Advanced! Was at W8ZA for CQ WW and had lots of fun. He will be at W8ZA for SS SSB. He is putting up a new A3WS on a rocket launcher at home. Hopes to work the meteors shower tonight and tomorrow. He is working 6 meters and looking for F2 propagation.

W3JRY, John, was the only representative from PA tonight. Operated part-time in recent contest. (100K in CQ WW) Put up a beam and tower recently. Has worked 220 countries recently.

N3HBX, John, operated CQWW HP 15 meters only. Reports his worst effort ever! Lost the antenna relay on the tower half way into the contest. Also, his amp relay was stuck on transmit so he used his backup amp.

K3IXD, Ed, put up an inverted V for SS SSB this weekend. 460K for CQ WW. Has been operating the VHF/UHF Fall Sprints. Having fun with the new ICOM 746.

W8ZA, Bob, worked CQWW M/M from home. Reports 5.36M points with a bad 10 meter beam. Solution to last months puzzle was: The coax pig tail had parted away from the connector on the 20 meter beam and the balun on 10 meters had a loose screw on one side. This was the first time for M/M from W8ZA. Used the W3NQN filters and found they worked great! Sometimes the team forgot to change the filters when they changed bands. They remembered right before they started to replace the radio! Bob also reports 28K for part time SS CW. K3DNE will be at W8ZA for SS SSB. Bob is looking for operators for CQWW CW! Bob added that K8OQL is quarantined with the chicken pox.

N8II, Jeff, missed SS CW. Was on for CQWW SSB part time. Operated all band. Reports 2700 Qs, 115Zones, 426 Cty for 4.29M. Great Job!

WD3A, Tom, played in SS CW (8K). Tom was at W8ZA for CQWW SSB. Started out on the tower for Bob! Bob did let him operate 20 meters after that though. Reports having fun getting bumped around on 20 by all the big M/M. Loves his new 850.

W6NRJ, Jim, is looking for ELMER help to get up on packet to access the spotting network. Also needs help hooking up his computer for logging. He operated last at K1DQV and had lots of fun.

N3KTV, Jim, has been operating some DX over the past few weeks. More time has been spent resurrecting an old R5 and trying out the MFJ -259B. Meeting adjourned.

LUNCH ROVER MINUTES by Jack Hammett, K4VV

A lunch meeting was a hasty gathering inspired by K7LU's pending departure for LU-land. Attendees were K7LU, N4XX, W4LIP, K4VV, K3SKE, and Ken/W8JVP (2d meeting). The Olive Garden fed us well with good service and a tasty lunch. Discussion topics included DXing from South America, the challenges of 160m propagation linking winter to summer, unique 160m asymmetric ducting, Scott/K7LU's mission to teach physics

and deploy a sounder in Argentina and his contesting potential, noise challenges in SA, recent enforcement successes by the FCC with applause, some memories of well known PVRC'rs several decades ago, some tower stories, sounders in Thailand, packet node micro-tornado damage, working 140+ countries on 160m from a 1/3d acre lot in town--showing up, the demise of KLM, and the relatively modest potential of the current cycle peak. A pleasant lunch in 90 minutes.

PVRC WRTC 2000 Selection by Tyler Stewart, K3MM, Pres.

After much careful deliberation, the officers of PVRC have selected Eric Scace, K3NA, as the PVRC Team Leader for WRTC2000 in Slovenia! Eric has a long history of contesting and DX accomplishments from around the world. With his penchant for propagation analysis and his job which keeps him in that quadrant of the world a good part of the time, he's uniquely qualified to represent PVRC in this prestigious event! Congratulations Eric and good luck OM!

REPORT FROM THE ANNAPOLIS CREW by Dick Wilder, K3DI

The first meeting of the ANNAPOLIS CREW OF PVRC was Sunday afternoon, November 14th at 2pm at the home of Bill Rogers, W3UL, in Annapolis. Attending were Bill and Dick, K3DI. The activity was to load CT 6.26 and install a CW interface, packet via CT, and radio frequency control. Bill has since become a member at a BWI meeting. He operated the CQWW CW contest from his home with a kW amplifier from a 130' center feed dipole.

Dave Williams, W3OQ, of Pasadena has expressed and interest in PVRC, contesting, and operating from K3DI. Dave and his XYL, Marilyn, have accepted an invitation from K3DI to attend the Christmas party.

K3DI is building a 3 position M/M. First, the septic system was replaced as a prerequisite to being issued a building permit for the additional square footage of a two-story addition that is expected to be completed in December. Two positions will be in the new 10'x15' room and the third in the adjacent old 12'x12' shack. Then, in the spring, 100 feet of used Rohn 45 will be painted and erected as tower number three. The new shack will have a 15' long desk covered with a laminate designed to help the JA runs; the laminate color is named "Shogun."

SHORT NOTES by the editor

Dave Baugher, WR3L, treasurer, suggests that only the full name "Potomac Valley Radio Club" should be entered for "club affiliation" when reporting scores. He correspond to ARRL and CQ as well as insurance forms and tax forms and other paperwork is submitted only with the full club name.

Though not a PVRC function, many PVRC'ers attend the Beezer Christmas. The seventh annual Beezer Christmas will be at the Cuckoo's Nest, 3333 Olney-Sandy Springs Road (Rt 108), Olney, MD on December 20th. Arrive about 6 PM and dine at 7 PM. Cash bar. Order from a menu of seven entrees for $20 which includes salad, potato, beverage, desert, and tax and tip. Please RSVP via packet to W2BZR no later than December 9th.

S C O R E S by Bob Dannals, W2GG

Changes/additions/deletions to
W2GG via or packet
= missing information

CQWW DX SSB (#9 11/22/99)

CALL	BND	QSO	ZON	CTY	TOTAL
SINGLE OP HIGH POWER - UNASSISTED					
K3ZO		3778	135	452	6,427,650
K4ZW		3164	148	516	6,072,280
N8II		2705	127	418	4,286,970
KS4XG		1889	115	377	2,646,468
W3MR		1489	118	369	2,090,691
K2PLF		1327	116	357	1,774,233
N4GU		1201	111	347	1,556,742
N4MM		930	123	366	1,289,982
K2UOP		964	115	351	1,272,180
K2UOP		964	115	331	1,212,674
W3HVQ		907	114	350	1,200,000
W4YE		785	81	247	735,048

N3HBX	15	1138	38	145	592,554
N3RC		760	63	199	575,352
KF3BE		540	81	242	474,487
K3ZJ/8	10	985	31	111	406,688
W3AZ		402	28	94	140,910
W4IF		244	52	128	125,640
WX4DX		237	59	126	113,775
W4VC		238	42	120	107,730
N4CW		175	47	113	79,840
K4IQ		166	48	114	69,336
K2AV		123	41	90	44,016
W4ZYT		115	17	57	24,864
W3GN		55	14	22	5,328

SINGLE OP LOW POWER - UNASSISTED

N1WR		1140	108	329	1,426,805
W3UJ		813	91	264	822,435
NV3V		598	85	240	550,800
NV3V		598	84	238	547,000
K1EFI		480	48	173	302,549
N4MO	15	668	35	121	300,924
W4NF		419	39	128	205,744
N3YUG		304	57	162	185,712
N4EL		311	53	156	183,084
W3INK		343	37	121	153,418
W3CP		287	53	134	151,470
KC3TL		240	64	144	136,268
W4SD		240	52	131	123,525
K3DSP		242	52	125	116,997
W3JRL		202	52	129	100,817
AF4CD		197	52	112	80,196
AA4KD		177	45	109	71,456
W3XG		109	36	78	34,770
N3EYB		134	16	53	25,668
W4XXX		101	25	62	22,272
N3QYE		96	30	50	21,200

SINGLE OP ASSISTED

N3RR		2900	161	593	6,261,970
KT4W		2235	155	501	4,208,085
WR3Z		1865	145	462	3,257,162
N3AM		1504	134	438	2,473,328
W4JVN		1117	125	374	1,588,317
KB3AUG		990	117	388	1,421,070
K3KO		940	118	337	1,201,200
NT4D		828	126	375	1,138,773
K3SA		572	100	316	682,656
K3SV		546	107	303	608,850
N3II		558	95	295	608,400
K3IXD		486	94	249	461,335
N3GPU		524	74	208	418,206
N3UN		420	90	242	394,084
K6IR		356	69	178	259,350
K3SX		265	##	###	161,993
N4ZR		220	66	144	128,520
KO4MR	10	217	34	138	106,468
KC4B		121	29	72	35,148

MULTI - SINGLE

W4MR		2715	147	500	5,029,131
K4HA		1255	119	353	1,682,680
K3DI		839	98	332	1,019,960
KU4RG		403	77	209	305,448
W4PRO		296	59	108	144,622

MULTI - MULTI

W3LPL		8743	193	795	23,946,156
W4MYA		4578	177	668	10,896,275
W8ZA		2674	160	543	5,364,593

DXPEDITIONS

J6R		7255	131	440	10,501,261
KH7R					3,060,610
PJ4B					10,592,276
V26B					3,303,818
77 LOGS	TOTAL				140,150,293

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LAST YEAR (SSB & CW)

Yankee Clipper C C	460,442,158
Frankford R C	432,136,542
Potomac Valley R C	194,995,771

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OPERATORS:

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J6R  J69AZ K3LP K3UG K7KL N3NT VE7ABC
K3DI   W3ICM K3DI
K4HA   NX9T K4HA
KH7R   ND3A plus 11 non-PVRC
KS4XG  from QTH of N4AF
KT4W   from QTH of N4RV
KU4RG  KU4RG KF4OKG
PJ4B   N4RV W3ZZ plus 10 non-PVRC
V26B   N3OC plus 10 non-PVRC
W3LPL  K1HTV AI3M W3KX ND3F K3NA
       N5OKR W2GG KE3Q K9GY K1RA K3MM
       K3RA K3MQH K1RZ NH6C W4XP
       W3LPL
W4MR   AA4NC KI7WX N4CW K4MA
W4MYA  AC4OB N4EHJ K4BAM KB4DI KF4QQY
       W4DR W4HJ W4HZ W4MYA WA4QDM
       WK4Y WU4G WX3B
W4PRO  KO4MR W4PRO
W4XXX  N8CH (ex-NW3K)
W8ZA   K3DNE K8OQL WD3A W8ZA
WR3Z   from QTH of K1DQV

 ARRL CW SS (#8 11/29/99)
 CALL   PREC QSO SEC     TOTAL
W3PP    M  1205  79    190,390
W4MR    B  1159  78    180,804
N4AF    B  1153  77    177,562
K3ZO    B  1139  77    175,406
W4MYA   U  1081  79    170,178
W4RM    M  1004  78    156,624
N4ZR    B   989  78    154,284
K2PLF   B   988  78    154,128
K3SV    B   925  78    144,144
K3MM    B   948  76    144,096
N4CW    B   883  78    137,748
K3SA    B   837  79    132,246
WR3L    M   820  79    129,560
K1HTV   A   833  76    128,282
W4ATC   S   818  78    125,580
K4QPL   A   815  77    125,510
WJ9B    A   813  77    125,202
W3HVQ   B   784  78    122,304
W4YE    A   774  78    120,744
K4MA    A   770  78    120,120
K3DI    U   749  79    118,342
K2AV    B   758  76    115,216
K3KO    B   738  78    115,128
W2CS    Q   717  79    113,286
WR3Z    B   716  78    111,696
W4ZYT   M   701  79    110,758
N3AM    B   702  76    106,704
K4IQ    A   676  77    104,104
K3TM    A   684  76    103,968
N1WR    A   662  78    103,272
W3MC    B   607  79     95,748
NT4D    U   572  78     89,232
K4BAM   B   542  76     82,384
N3OC    A   500  79     79,000
NY3M    A   500  77     77,000
W3UJ    A   505  75     75,750
K3AN    Q   453  74     67,044
N3II    A   426  78     66,456
W3CB    A   408  75     61,200
W3AZ    B   410  71     58,220
WD3P    Q   415  68     56,440
WA4QDM  U   358  78     55,848
W3CP    A   380  73     55,480
K4PB    U   341  73     49,786
W2GG    A   325  72     46,800
W8ZA    B   200  72     28,800
N3WK    Q   200  66     26,400
N4MM    A   174  75     26,100
N4GU    A   187  60     22,440
KI7WX   A   190  59     22,420
K4HA    A   175  62     21,700
W3DAD   A   128  50     12,800
W3GN    B    99  49      9,702
W4IF    B    80  42      6,720
N4EL    A    36  24      1,728

- - - - - - - - - - - - - - - -
55 LOGS       TOTAL  5,212,584
- - - - - - - - - - - - - - - -
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** SPECIAL OPERATIONS (Op: KE3Q) **

WP3R	B	1481	79	233,000

Operator list:

W3PP	W3PP N4MO NW3Y
W4ATC	KF4ARS NA4G KO4PY
W4MR	AA4NC
W4RM	W4RM W4NF W4CE
W4ZYT	W4ZYT W4SD KC4VZK AF4CD KU4EC N8CH KF4ZAD
WR3L	K3FT AA3SC WR3L

LAST YEAR - UNLIMITED CATEGORY

	logs	Total CW & SSB
Potomac V R C	149	11,953,728
Northern Ca C C	103	9,742,508
Soc Midwest Con	76	6,624,648
Yankee Clip C C	82	5,554,448

ARRL PH SS (#4 11/29/99)

CALL	PREC	QSO	SEC	TOTAL
K3MM	B	1643	79	259,594
W4MR	M	1635	79	258,330
W4MYA	U	1579	79	249,482
W2GG	B	1527	79	241,266
K3ZO	B	1499	79	236,684
K1GG	B	1335	79	210,930
K2PLF	B	1314	79	207,612
W3PP	B	1295	79	204,610
K4MA	B	1279	79	202,082
N8II	B	1277	79	201,766
W4ATC	M	1231	79	194,498
N4AF	B	1101	79	173,958
N3HBX	B	1142	74	171,300
N2QT	U	1078	79	170,324
K3SW	M	1061	79	167,480
WR3L	M	1026	79	162,108
W8ZA	B	1006	79	158,948
KY3ORK	B	971	79	153,418
K1HTV	A	950	79	150,100
K4IQ	B	901	79	142,358
N4CW	B	855	79	135,090
W3HVQ	B	836	79	132,088
W4RM	U	829	79	130,982
N1WR	A	737	79	116,646
K3SA	B	730	79	115,340
K3DI	U	716	79	113,128
N4GU	B	702	79	110,916
W3UJ	A	639	79	100,962
KF3BE	B	508	79	80,264
K4QPL	A	500	79	79,000
N3II	A	500	79	79,000
N4MO	A	500	76	76,000
W4YE	A	462	79	72,996
N4ZR	B	439	74	64,972
W2CS	Q	409	79	64,622
W4PRO	Q	405	77	62,370
W3YD	U	346	79	54,668
N4MM	A	333	79	52,614
N3YUG	A	344	76	52,288
K3SV	U	301	79	47,558
N3AM	B	313	74	46,324
K3KO	B	300	75	45,000
K2AV	B	324	67	43,416
K3IXD	U	275	75	41,250
K3DSP	A	271	74	40,108
K3HH	A	250	77	38,500
N3EYB	A	245	74	36,260
WA4QDM	U	214	79	33,812
N4EL	A	228	73	33,288
W3CP	A	223	72	32,112
W4VC	A	218	73	31,828
K4VV	B	191	67	25,594
W3DAD	A	138	63	17,388
K4BAM	B	134	58	15,444
W4SD	B	105	54	11,340
W4ZYT	A	115	47	10,810
W3GN	B	53	29	3,074
K4VV/4	A	41	26	2,132

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58 LOGS	TOTAL	6,166,032

- - - - - - - - - - - - - - - - - -
** SPECIAL OPERATIONS (Op: KE3Q) **
WP3R   B 3 669 79   421,702

Operator list:
K3SW   K3SW N3DMJ
KY3ORK KC3TL
W2GG   at W3LPL QTH
W4ATC   N3QYE KF4ARS
W4MR   KI7WX AA4NC K4HA NX9T KS4XG
W8ZA   K3DNE
WR3L   AA3SC K3FT N3WJA WR3L
- - - - - - - - - - - - - - - - - -
 55 LOGS - CW   5,212,584
 58 LOGS - PH   6,166,032
      GRAND TOTAL: 11,378,616
- - - - - - - - - - - - - - - - - -
LAST YEAR - UNLIMITED CATEGORY
              logs Total CW & SSB
Potomac V R C   149 11,953,728
Northern Ca C C 103   9,742,508
Soc Midwest Con 76   6,624,648
Yankee Clip C C 82   5,554,448

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and two dozen coax types.

REFERENCE PAGE.
Please send corrections to the editor.
No changes were made during November.

PVRC Officers
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  K3MM Tyler Stewart 301-414-5444
  Vice President
  N3OC Brian McGinness 301-652-6768
  Secretary
  KE3Q Rich Boyd 301-464-8014
  Treasurer
  WR3L Dave Baugher 410-DX1-WR3L
  Historian
  K3SA Steve Affens 301-774-0558
  Membership Sec
  W2GG Bob Dannals 410-472-2004

PVRC Charter Members:
W3GRF (SK), W4AAV (SK), W4KFC (SK), N0FFZ (SK), W4LUE, W7YS,
VP2VI (W0DX), W3IKN, W4KFT.

PacketCluster Contest/DX System, MHz:
W3LPL   Glenwood MD   145.590 441.250
KE3Q   Bowie MD   145.570 445.375
WR3L   Baltimore MD 145.610 440.950
N3RR   Rockville MD 145.510 441.325
K3SKE   Frederick MD 144.930
N4OHE   Mt.Weather VA 145.710 440.925
NE3H   Harrisburg PA 144.970
K3MQH   S Mountain PA 145.630
N4SR   Woodbridge VA 145.630 *
K4FJ   Mt. Vernon VA 145.770 *
W4XP   Bull Run Mt " 144.990

This system is sponsored by
the Potomac Valley DX Spotting Network
except "*" are independently funded by each SYSOP.

PVRC on Internet.

PVRC web site by K3SA:
     http://www.pvrc.org
PVRC/NC web site by KS4XG
     http://www.pagesz.net/~pvrcnc
PVRC reflector: (editor N4AF)
     Get latest scores & activities info here
     To post:
     To join* send email to:

     Text: SUBSCRIBE PVRC
*Members only.
If your call is not within your URL, then send msg to

PVRC dues and ARRL renewals: The annual dues are by donation - hopefully at least $10. Club gets a cut from ARRL renewals sent via PVRC. Both dues and renewal checks should be made to PVRC and sent to Dave Baugher, WR3L, 615 Rockway Beach Av, Baltimore, MD 21221. Thank you.

Newsletter & Autocall column Editor: Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. Voice 410-757-6706, FAX/modem 410-757-6720, Dxcluster packet, and The Newsletter deadline is normally ABOUT the day after the third Friday of each month. The FAR deadline is 60 days prior to the issue date.

CENTRAL: The Central Meeting is always the second Monday (except June, July, and August) at 7:30 pm. The central meeting generally alternates between MD and VA locations. A pre-meeting dinner is usually held between 5:00 and 6:30 pm. Check via 147- repeater.

    VA LOCATION: The Patrick Henry (Public) Library, Route 123, Vienna, VA. Pre-meeting dinner at Outback, Old Branch Ave.

    MD LOCATION: Church of the Nativity (Episcopal), Route 5, Temple Hills, MD. Pre-meeting dinner at Topolino's.

NORTHWEST: Greg Altig 410-775-7313 Meets at 7:30 pm on the third Tuesday every month at Tully's Grill, 1080 W. Patrick St, Frederick, MD. Same center as Shoppers Food Warehouse. Essentially includes WEST VIRGINIA area.

NORTH CAROLINA: Chair: Jim Stevens, K4MA, ; Sec: Pete Soper, KS4XG, , hm: 919-362-4635, wk: 919-481-6874. Activites: Jim Stevens, K4MA. POC is K4MA & KS4XG. Howie Hoyt, N4AF, is PVRC reflector editor. PVRC/NC meets at 6:00 pm the first Thursday of every month at Ryan's Family Steakhouse at Crossroads in Cary.

TIDEWATER (VA) COLONY OF PVRC:
Don Lynch W4ZYT 757-486-0728 Meetings the 3rd Tuesday of every month are held jointly with the VA DXCC at The Golden Corral corner of Battlefield Blvd South and Volvo Pkwy in Chesapeake, VA. Easy access from I-64 at Rte 168 (Battlefield Blvd S) exit. Dinner at 1830 and meeting at 1925.

SOUTHWEST VA CHAPTER: Coordinator: John Mitchell, K4IQ, Catawba, VA 540-384-7377, Monthly meetings alternate between Roanoke area locations

THE BWI REGIONAL/PVRC: Weekly breakfast Wed at 7:30 AM at Basil's Deli Port on Elkrdige Landing Rd 1/4 mile South of Winterson Road 410-850-4333. Director: Ike Lawton, W3IKE, 410-263-2830.   Secretary: Howard Leake, W6AXX, 410-465-7008,

OVER-THE-HILL LUNCH BUNCH: Rotating hosts announces meeting info. Ben Shaver, AA4XU, 703-534-4740; Andy Anderson, W3XE, 301-384-7771, , Holiday Inn, College Park MD; and Bill Leavitt, W3AZ, 301-292-5797, Ramada Inn, Oxon Hill

PENNSYLVANIA: Steve Cutshall, K3TZV, , 717-763-0462.

RAPPAHANNOCK: Steve Bookout, NR4M (ex-NJ4F) Also, Larry Schimelpfenig, K7SV,

WOODBRIDGE: Jack O'Mara W4NF, 703-680-4106 and Cliff Deel W4CE, 703-491-0841

CENTRAL VA: Bob Morris, W4MYA 804-457-9011

 CVCC/PVRC monthly meetings are held
the 2nd Tuesday at the First Mennonite Church on Staples Mill
Rd at 7:30 PM. Optional 6PM-ish dinner at the Crazy Greek
Rest, Staples Mill Rd. Talk-in is 145.430 MHz.

SOUTHERN MD: Chair: Barry Shapiro, WR3Z. H:301-862-2466
 Usually on the first Monday of Sep,
Dec, Mar, and May at N1WR's.

EASTERN-SHORE (DEL-MAR-VA): Dallas Carter, W3PP 302-875-0550

SHENANDOAH: Bill Hinkle KB3AUG 304-567-3138

NORTHEAST: WR3L See info above.

ANNAPOLIS CREW: K3DI. See info at left column.

OTHER MEETINGS based on prior year(s):

May.	Meeting at Dayton Hamvention
Jun.	W3LPL open house Sat before Field
	joint FRC/PVRC meeting on alternate years.
	(1999, 2001, ...)
summer.	When joint FRC/PVRC is at FRC,
	they announce the date.
Jul.	PVRC/NC cook out
Jul.	Open house, W4MYA, Goochland,
Aug.	NCDXA/PVRC Fowlfest at W3YOZ
Aug.	VHF++ meeting/workshop at ND3F
Sep.	PVRC meeting at the FARfest Bowie
Sep.	Open house, WR3L, Baltimore
Dec.	Christmas dinner, DC area.

5 MILLION (CLUB COMPETITION) AWARD
Month and number of the full week end.

Jan 3	ARRL VHF Sweepstakes
Jan Last	CQWW 160m CW
Feb 3	ARRL DX CW
Feb Last	CQWW 160m SSB
Mar 1	ARRL DX SSB
Mar Last	CQWW WPX SSB
May Last	CQWW WPX CW
Sep 2	ARRL VHF QSO Party
Oct Last	CQWW DX SSB
Nov 1	ARRL Sweepstakes CW
Nov 3	ARRL Sweepstakes SSB
Nov Last	CQWW DX CW
Dec 1	ARRL 160m CW only
Dec 2	ARRL 10m Mixed

Standings at http://jctc.org/pvrc5m.htm
Roster updates at: http://www.pvrc.org/pvrcmm98.htm

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